

## Data Engineer (Analytics)

### Description

#### Your Task

- Participating in data analytics projects from end to end in Microsoft Azure environment
- Build and maintain data pipelines (Azure Data Factory)
- Implement data transformation logic using Apache Spark (Databricks, Synapse)
- Turning raw data into relevant datasets and insights
- Mentoring junior colleagues
- Building highly scalable data products for the automated consolidation, process and analyse large amounts of data for machine learning – from conception to prototyping to operation, batch and streaming
- Evaluating the latest trends and technologies in data engineering and drive innovative solutions for data management in the machine learning context
- Contribute to ensuring continuous quality, reusability and performance improvement and take responsibility for applications and stakeholders during development, commissioning and operation
- Automating and deploying data transformations and pipelines on the provided Data Platform
- Working in an accurate (clean-code) and test-driven software development environment with a devops mindset
- In close cooperation with data scientists, you implement exciting AI use cases (e.g. entity extraction, recommender, chatbots) with data of all kinds (e.g. time series, images, documents)

#### Your Profile

- At least 3 years of relevant professional experience as Data Engineer
- 2+ years of experience with Python
- Hands-on software development skills
- Solid knowledge of SQL and coding skills in general
- Very good experience in object-oriented programming and application modularization
- Expertise in designing and implementing data models (principles, methods, best practices)
- Experience in implementation of different data integration frameworks: batch-oriented or sync/async real-time integration
- Demonstrated ability to understand and communicate technical details at all levels of the organization
- Experience in multiple forms of Data Storages (relational, analytical or in-memory databases, objects stores, search engines, graph databases) and their interrogation, physical data modelling
- Best-practice and implementation for continuous integration / delivery: Unit-testing, CICD Pipelines and deployment (preferably Azure DEVOPS, Gitlab)
- Ability to work in an independent, conscientious and solution-oriented way
- Fluency in English
- Teamplayer (agile team experience is a plus)

### Hiring organization

Candidate-1st

### Employment Type

Full-time

### Beginning of employment

asap

### Job Location

Budapest – ZDI

### Working Hours

40

### Base Salary

euro EUR 85K - 147K \*

### Date posted

June 6, 2024

### Nice to have:

- University degree in computer science, business informatics, mathematics or in a related field
- Experience with CRM/ERP source systems
- Experience with Continuous Integration/Continuous Delivery (CI/CD)
- Experience with clean-code, configurability and reusability
- Experience with Cloud technologies like Microsoft Azure or similar environment
- Development of serverless (Azure Data Factory, Synapse Analytics) or container-based applications (Kubernetes) provisioning and deployment
- Distributed processing frameworks: Spark-based data transformations (Databricks, Data Factory)
- Productionalising and publishing data services as scalable, performant Data APIs
- Experience in Pipeline Orchestration and Scheduling (ex: Airflow)
- Monitoring and logging (Elastic, Datadog), telemetry
- Technical development and integration of User-Request Workflows through reusable Rest APIs
- Experience in machine learning and deep learning algorithms productionalisation in Cloud
- Up to date with emerging technologies and trends in data engineering

Your ZEISS Recruiting Team:

Bartók Tímea, Fedor Fanni, Hrehuss Orsolya, Kiss Bernadett, Meláth Laura, Sturcz Noémi, Sztaskó Daniella, Wenner Lili

### **How the process will look like**

Your teammates will gather all requirements within our organization. Then, once priority has been discussed, you will decide as a team on the best solutions and architecture to meet these needs. In continuous increments and continuous communication between the team and stakeholders, you're part of making data play an even more important (and understood) part withing Brand New Day.

### **Job Benefits**

EUR 85K – 147K \*